

Amendment to the Claims

Please amend the claims as follows:

Cancel claims 1-18

(New) 19. A recording/reproducing apparatus, comprising:

a rotary drum mounted with a plurality of magnetic heads;

a stationary drum opposite to the rotary drum;

a rotary transformer which transmits signals between the rotary drum and the stationary drum; and

a recorder/reproducer which records/reproduces signals onto/from a recording medium with the plurality of magnetic head, wherein;

the rotary drum is provided with the recorder/reproducer, and

a information signal generator which generates information signals indicating the operating conditions of the recorder/reproducer;

the stationary drum is provided with a information signal decoder which discriminates the information signals, and

a control signal generator which generates control signals for controlling the recorder/reproducer, wherein;

the information signals and the control signals are transmitted by the rotary transformer, and the control signal generator generates the control signals based on the result of discrimination of the information signal decoder.

(New) 20. A recording/reproducing apparatus according to claim

1, wherein both the information signals and the control signals are transmitted by the same channel of the rotary transformer.

(New) 21. A recording/reproducing apparatus according to claim 1, wherein the plurality of magnetic heads includes magneto resistive heads,

the information signals is the information whether the signal from the recording medium is reproduced or not by the magneto resistive heads, and

the control signals control to reduce the supplying currents to the magneto resistive heads when the signal from the recording medium is not reproduced during reproducing mode.